Index of Claims

Application No.

10/729,687

Examiner

Applicant(s)

HOPKINS, GARY L.

Art Unit

Philip H Leung

3742

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

Appeal O Objected

| Claim |  | Date                    |   |          |    |              |              |   |          |         |   |
|-------|--|-------------------------|---|----------|----|--------------|--------------|---|----------|---------|---|
| 1     |  |                         | Γ | Τ_       | т  | <del>:</del> | Ť-           | Τ | Ι        | Γ-      | 1 |
| Final | Original                                     | 8/23/04                 |   |          |    |              |              |   |          |         |   |
|       | 2<br>3<br>4<br>5                             | ~                       | _ | _        |    |              |              |   |          |         | 1 |
|       | 2  | 1                       | _ | _        |    | _            | <u> </u>     |   | L        |         | 1 |
| L     | 3  | \                       |   | <u> </u> | _  | L            | _            | _ | _        | <u></u> |   |
|       | 4  | 4                       | L |          | L  |              | $oxed{oxed}$ |   | <u> </u> |         | Į |
|       | (5)  | $oldsymbol{\checkmark}$ |   |          |    |              | _            |   |          |         |   |
|       | <u>6</u>                                     | ンマン                     | L |          |    | L            |              |   |          |         |   |
|       | 7  | マソ                      | _ | L        |    | L            | L            | L | _        | _       |   |
|       | 8  | V                       |   |          |    |              |              |   |          |         | J |
|       | 9  |                         |   | L        |    |              |              |   |          |         |   |
|       | 10   |                         |   |          |    |              |              |   |          |         | J |
| L     | 11   |                         |   |          |    | <u> </u>     | L            |   |          |         |   |
|       | 12   |                         |   |          |    |              |              | L |          |         |   |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 |                         |   |          |    |              |              |   |          |         | J |
|       | 14   |                         |   |          |    |              | L            |   |          |         | J |
|       | 15   |                         |   |          |    |              |              |   |          |         |   |
|       | 16   |                         |   |          |    |              |              |   |          |         | 1 |
|       | 17   |                         |   | Γ        |    | Г            | Γ            |   |          |         | 1 |
|       | 18   |                         |   |          |    |              | Ī            |   |          |         | 1 |
|       | 18<br>19                                     |                         |   |          |    |              |              |   |          |         | 1 |
|       | 20<br>21                                     |                         |   |          |    |              |              |   |          |         | 1 |
|       | 21   |                         |   | Г        |    |              |              | _ |          |         | 1 |
|       | 22   |                         |   |          |    |              |              |   |          |         | 1 |
|       | 23<br>24                                     |                         |   |          |    |              |              |   |          |         | 1 |
|       | 24   |                         |   |          |    |              |              |   |          |         | 1 |
|       | 25   |                         |   |          |    |              |              |   |          |         | 1 |
|       | 26   |                         |   | Ī        |    |              |              |   |          |         | 1 |
|       | 27   |                         |   |          |    |              |              |   |          |         | ] |
|       | 28   |                         |   |          |    |              |              |   |          |         | 1 |
|       | 28<br>29                                     |                         |   |          |    |              |              |   |          |         |   |
|       | 30   |                         |   |          | Γ. |              |              |   |          |         | 1 |
|       | 31   |                         |   |          |    |              |              |   |          |         | 1 |
|       | 32   |                         |   |          |    |              |              | Г |          |         | 1 |
|       | 33   |                         |   | Π        |    | Г            |              |   |          |         | 1 |
|       | 34   |                         |   |          |    |              |              |   |          |         | ] |
|       | 35   |                         |   |          |    |              |              |   |          |         | 1 |
|       | 36<br>37                                     |                         |   |          |    |              |              |   |          |         | J |
|       | 37   |                         |   |          |    |              |              |   |          |         | 1 |
|       | 38   |                         |   |          |    |              |              | Ľ | Ľ        |         | ] |
|       | 39   |                         |   | L        | Ľ  | Ľ            | L            |   |          |         | ] |
|       | 40   |                         |   |          |    |              |              |   |          |         | 1 |
|       | 41   |                         |   |          |    |              |              |   |          |         | 1 |
|       | 42   |                         |   |          |    |              |              |   |          |         | J |
|       | 43   |                         |   |          |    |              |              |   |          |         | J |
|       | 44   |                         |   |          |    |              |              |   |          |         | J |
|       | 45   |                         |   |          |    |              |              |   |          |         | J |
|       | 46   |                         |   |          |    |              |              |   |          | L       | J |
|       | 47   |                         |   |          |    |              |              |   |          |         | J |
|       | 48   |                         |   |          |    |              |              |   |          |         | J |
|       | 49   |                         |   |          |    |              |              |   |          |         | J |
|       | 50   |                         |   |          |    |              |              |   |          |         | J |
|       |  |                         |   |          |    |              |              |   |          |         |   |

|     | Claim |  | Date     |              |              |          |          |          |              |              |          | 1  |
|-----|-------|--|----------|--------------|--------------|----------|----------|----------|--------------|--------------|----------|----|
|     |       |  |          |              | [            | Ī        | Ī        | T        | Γ            |              | Γ_       | 1  |
|     |       | <u> </u>                               |          |              |              |          |          | -        |              |              |          | ı  |
|     | Final | - <u>ē</u>                             |          |              |              |          |          |          |              |              |          | ı  |
|     | 匠     | Original                               |          |              |              |          |          |          |              | i            |          | ı  |
|     |       |  |          |              |              |          |          | 1        |              |              |          | ı  |
|     |       | 51                                     |          |              |              |          |          |          |              |              |          | 1  |
|     |       | 52                                     |          |              |              |          | -        |          |              |              |          | l  |
|     |       | 52                                     | $\vdash$ | $\vdash$     | <del> </del> | _        |          | -        | -            | $\vdash$     | $\vdash$ | ł  |
|     |       | 23                                     |          |              |              |          |          |          |              |              |          | ł  |
| .:: |       | 54                                     | L        | L.           |              | <u>.</u> |          |          |              |              |          | l  |
|     |       | 55                                     |          |              |              |          |          |          |              |              |          | J  |
| H   |       | 56                                     |          |              |              |          |          |          |              |              |          | 1  |
|     |       | 51<br>52<br>53<br>54<br>55<br>56<br>57 |          |              |              |          |          |          |              |              |          | 1  |
| 1   |       | 58<br>59                               | Т        |              |              |          |          | _        |              | ┢            | _        | 1  |
|     |       | 50                                     | -        | _            |              |          | -        | $\vdash$ |              |              |          | l  |
|     |       | 09                                     | -        |              | -            |          |          | -        |              | -            | -        | ł  |
|     |       | 60                                     |          |              | ļ            |          |          | ļ        |              |              | <u> </u> | ł  |
|     |       | 61                                     |          |              | _            |          | L        | <u> </u> | <u> </u>     | <u> </u>     | _        | 1  |
|     |       | 62                                     | L        | L            | L            | L        |          | 匚        | <u> </u>     | L            | 匚        | l  |
|     |       | 63                                     | L        |              |              | L        | L        | L        | L            | L            | L        | J  |
|     |       | 63<br>64                               |          | Γ            |              |          |          |          |              |              |          | 1  |
|     |       | 65                                     |          | $\vdash$     | $\vdash$     |          | -        | $I^-$    | $I^-$        | $I^-$        | Г        | 1  |
|     | _     | 66                                     | $\vdash$ | -            | -            |          | -        |          | <del> </del> | <del> </del> |          | l  |
| ::: |       | 67                                     | -        | $\vdash$     | $\vdash$     | -        | ├—       | -        | -            | ┝            | -        | ł  |
|     |       | 10                                     | _        | <u> </u>     | <u> </u>     |          |          |          |              | ļ            |          | 4  |
|     |       | 68                                     |          | <u> </u>     |              |          |          | _        | <u> </u>     | <u> </u>     | <u> </u> | 4  |
|     |       | 68<br>69                               | _        |              |              |          |          |          |              |              |          | l  |
|     |       | 70                                     |          | l            |              |          |          | İ        |              |              |          | ۱  |
|     |       | 71                                     |          |              |              |          |          |          |              |              |          | 1  |
|     |       | 71<br>72<br>73<br>74<br>75             |          |              |              |          |          | <u> </u> |              |              | Г        | 1  |
|     |       | 73                                     |          |              | $\vdash$     |          |          |          |              |              | $\vdash$ | l  |
|     |       | 74                                     | -        | -            |              |          | -        |          |              |              | -        | ł  |
|     |       | 74                                     |          | <del> </del> | <del> </del> | _        | _        | $\vdash$ | -            | -            | -        | 1  |
|     |       | /5                                     | _        | -            | _            | _        | _        | _        | <u> </u>     | _            | <u> </u> | ł  |
|     |       | 76                                     |          | ļ            |              |          |          |          | ļ            |              |          | Į  |
|     |       | 76<br>77                               |          |              |              |          |          |          |              |              |          | Į  |
|     |       | /8                                     |          |              |              |          |          |          |              |              |          | l  |
|     |       | 79<br>80                               | _        |              |              |          |          |          | Г            |              |          | ١  |
|     |       | 80                                     |          | $\vdash$     | $\vdash$     |          |          |          |              |              |          | ١  |
|     |       | 81                                     |          | $\vdash$     |              |          | $\vdash$ | <u> </u> | _            | _            |          | İ. |
|     |       | 81<br>82                               |          | -            | -            | $\vdash$ | ┢        | -        | $\vdash$     | $\vdash$     | _        | ł  |
| -   |       | 02                                     | _        | _            | -            | -        |          |          |              | -            |          | ł  |
|     |       | 83                                     |          | <u> </u>     | <u> </u>     | <u> </u> |          | <u> </u> |              | <u> </u>     | _        | ł  |
|     |       | 84<br>85                               |          | _            | $\vdash$     | <u> </u> | <u> </u> | _        | ļ            | L            | <u> </u> | l  |
|     |       | 85                                     |          |              |              |          |          | $\bot$   |              | L            | L_       | l  |
|     |       | 86                                     | L        |              |              |          |          | L        |              |              |          |    |
|     |       | 87                                     |          |              |              |          |          |          |              |              | _        | l  |
|     |       | 88                                     |          |              |              |          |          |          |              |              |          | 1  |
|     |       | 89                                     | -        |              |              | $\vdash$ |          | $\vdash$ |              | $\vdash$     |          |    |
|     |       | 90                                     |          |              |              | -        |          |          |              |              | $\vdash$ | ł  |
|     |       |  | _        | _            | _            | -        | _        |          |              | _            | <u> </u> | ŀ  |
|     |       | 91                                     |          | _            |              | L        |          |          |              |              | ļ.,      | l  |
|     |       | 92<br>93                               |          |              |              | <u> </u> | L        | L.       |              | L.           | L_       | ı  |
|     |       | 93                                     |          |              |              |          |          | _        |              | _            |          | 1  |
|     |       | 94<br>95                               |          |              |              |          | L        |          | LĪ           |              |          | ŀ  |
|     |       | 95                                     |          |              |              |          |          |          |              |              |          | ١  |
|     |       | 96                                     | -        | _            |              | <b>-</b> |          |          |              |              | $\vdash$ | l  |
|     |       | 97                                     |          |              | $\vdash$     | -        |          | $\vdash$ | -            | —            | -        | 1  |
|     |       | 00                                     |          | $\vdash$     | -            | <u> </u> | -        | $\vdash$ |              | <u> </u>     |          | ľ  |
|     |       | 98                                     |          | $\vdash$     | -            | H        | _        |          | $\vdash$     |              | -        | l  |
|     |       | 99<br>100                              | Ш        | <u> </u>     |              |          |          | L.,      |              |              |          |    |
|     |       | 100                                    |          | L            | L            |          | L.,      | L.,      |              | L            |          |    |
|     |       |  |          | -            |              |          |          |          |              |              |          |    |

| Claim |                   | Date |          |          |          |          |              |              |              |          |
|-------|-------------------|------|----------|----------|----------|----------|--------------|--------------|--------------|----------|
|       |                   | -    | _        |          |          | Jan      | Ť            |              | Г            |          |
| Final | Original          |      |          |          |          |          |              |              |              |          |
|       | 101               |      |          |          |          |          |              |              |              |          |
|       | 102<br>103        |      | ļ        |          |          | -        | _            | _            | _            | _        |
|       | 104               |      |          |          | _        | $\vdash$ | _            |              | -            | Н        |
|       | 105               |      |          | $\vdash$ |          | $\vdash$ | _            | $\vdash$     |              | H        |
|       | 106               |      |          |          |          |          |              |              |              |          |
|       | 107               | _    | L        | L        | _        | <u> </u> | _            | L            | _            |          |
|       | 108<br>109        |      | -        |          |          | -        | <u> </u>     | -            | <u> </u>     | $\vdash$ |
|       | 110               | -    | $\vdash$ | -        |          | $\vdash$ | <u> </u>     | <del> </del> | -            | -        |
|       | 111               |      |          |          |          |          |              |              |              | Н        |
|       | 112               |      |          |          |          |          |              |              |              |          |
|       | 113               | _    | L        | <u> </u> | _        | <u> </u> | _            | _            |              |          |
|       | 114<br>115        | _    | <u> </u> |          | _        | -        | $\vdash$     | -            | -            | $\vdash$ |
|       | 116               |      |          |          |          | -        | <del> </del> |              | -            | $\vdash$ |
|       | 116<br>117        | _    |          | $\vdash$ | _        |          | _            | $\vdash$     |              |          |
|       | 118               |      |          |          |          |          |              |              |              |          |
|       | 119               |      |          |          |          |          |              | L            | _            |          |
|       | 120               | _    |          |          |          | -        | ļ            | _            | _            | -        |
|       | 121<br>122<br>123 |      |          |          |          |          |              | _            |              |          |
|       | 123               |      | -        |          |          | $\vdash$ | -            | $\vdash$     | $\vdash$     | $\vdash$ |
|       | 124               | -    |          | 一        | -        | $\vdash$ |              | $\vdash$     |              | $\vdash$ |
|       | 124<br>125        |      |          |          |          |          |              |              |              |          |
|       | 126<br>127        | _    | _        |          | _        |          |              | _            | _            |          |
|       | 127               |      |          |          |          | -        |              | -            | -            |          |
|       | 129               | _    | _        | _        |          | _        |              | $\vdash$     | $\vdash$     | $\vdash$ |
|       | 129<br>130        |      |          |          |          |          |              | ┢            | <del> </del> | H        |
|       | 131<br>132        |      |          |          |          |          |              |              |              |          |
|       | 132               |      |          | _        | <u> </u> |          | _            | L            |              |          |
|       | 133               |      | _        | L        |          | <u> </u> |              |              | _            |          |
|       | 134<br>135        |      | _        | -        | -        |          |              | -            | -            | $\vdash$ |
|       | 136               |      |          |          |          |          | $\vdash$     | $\vdash$     | -            | $\vdash$ |
|       | 137<br>138        |      |          |          |          |          |              |              |              |          |
|       | 138               |      |          |          |          |          |              |              |              |          |
|       | 139<br>140        |      | _        |          |          | _        |              |              |              |          |
|       | 141               |      |          |          | _        | -        | -            | _            | _            | Н        |
|       | 142               | -    |          |          |          |          | H            |              | -            | $\vdash$ |
|       | 143               |      |          |          |          |          |              |              |              |          |
|       | 144               |      |          |          |          |          |              |              |              |          |
|       | 145               | _    |          | _        |          | L        | <u> </u>     | L.,          |              | Щ        |
|       | 146<br>147        |      |          |          | _        | -        | —            | _            | _            | Н        |
|       | 148               |      |          |          |          | $\vdash$ | -            | -            |              |          |
|       | 149               |      |          |          |          |          |              |              |              |          |
|       | 150               |      |          |          |          |          |              |              |              |          |